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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/531,240	03/21/2000	Daja Phillips	074451.P112	7381

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EXAMINER

HUYNH, KIM T

ART UNIT PAPER NUMBER

2112

DATE MAILED: 01/26/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/531,240	Applicant(s) PHILLIPS ET AL.	
	Examiner Kim T. Huynh	Art Unit 2112	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 12 November 2004.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-40 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-40 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413) |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | Paper No(s)/Mail Date. _____ |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-3, 5, 9, 11-13, 15-17, 19, 23, 25-27, 29-30, 33-35, 37-40 are rejected under 35 U.S.C. 102(b) as being anticipated by Tognazzini (US Patent 5,860,023)

As per claims 1, 15, Tognazzini discloses a method of interfacing with a communication station, the method comprising:

- Receiving semi-structured data from a personal digital assistant (PDA) in a format native to the PDA; (col.8, lines 60-67 ie a remote device implies PDA)
- Parsing the semi-structured data to identify a type of the semi-structured data if the type of the semi-structured data is destination data, the data being distinct from the semi-structured data and provided by a source other than the PDA. (col.9, lines 1-42, ie central computing device parsed data to extract identification(distinct))

As per claim 2, Tognazzini discloses wherein the PDA wirelessly transmits the semi-structured data, in a standard PDA format, to the communication station. (col.7, lines 20-24, wherein data transmits via infra-red communication link implies wirelessly transmits)

As per claims 3, 17, Tognazzini discloses wherein the data is a part of a document reproduced via a document reproduction system coupled to the communication station.(col.7, lines 20-24)

As per claims 5, 19, 23, Tognazzini discloses the destination dictates how the data is sent. (col.7, 18-41)

As per claims 9, 12, 26, Tognazzini discloses wherein fetching information comprises:

- connecting to a network; (ie audience members)
- connecting to the source; (ie central computing device)
- downloading the information from the source. (col.8, line 60-col.9, line 15)

As per claims 13, 27, Tognazzini discloses the search location is one or more of the an internal directory of users, an electronic white pages. (col.10, lines 1-20 wherein users' identifications and device's address implies directory.)

As per claim 16, Tognazzini discloses wherein the communication interface receives the semi-structured data over an infrared beam in a standard PDA format. (col.6, lines 26-31)

As per claim 29, Tognazzini discloses a PDA interface for indicating to the PDA what actions were performed. (col.8, line 60-col.9, line 15)

As per claims 30, 34, Tognazzini discloses a method of sending data from a communication station, the method comprising:

- Receiving semi-structured data from a personal digital assistant (PDA) in a format native to the PDA; (col.8, lines 60-67 ie a remote device implies PDA)
- Parsing the semi-structured data to identify a type of the semi-structured data; (col.9, lines 1-42, ie central computing device parsed data to extract identification(distinct))
- Acting on data in the manner indicated by the semi-structured data and a user, the data being distinct from the semi-structured data and provided by a source other than the PDA; and (col.9, lines 1-42, ie central computing device parsed data to extract identification(distinct))
- Returning a confirmation receipt to the PDA in a formative to the PDA, the confirmation receipt including a unique identification(ID) (col.10, lines 1-20)

As per claims 31, 35, Tognazzini discloses wherein the uniqueID includes document/data sent, destination, and method of sending. (col.10, lines 1-32)

As per claim 33, Fukuda discloses wherein reusing the data comprises one or more of the following re-printing a job, reusing addresses, reusing document/data, and pulling up the data on a different communications appliance.

As per claim 37, Tognazzini discloses the system further comprising: a user identification logic for identifying an owner of the PDA from whom the data is received.(col.10, lines 1-32)

As per claim 38, Tognazzini discloses wherein the job ID further includes the identity of owner of the PDA. (col.10, lines 1-32)

As per claim 39, Tognazzini discloses a job history may be displayed to the user, when the user is identified. (col.10, lines 1-32)

As per claim 40, Fukuda discloses wherein a stored list of addresses used by the user in the past may be displayed to the user when the user is identified. (col.10, lines 1-32)

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 4, 6-8, 10, 14, 18, 20-22, 24, 28, 36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tognazzini (US Patent 5,860,023) in view Shah et al. (Pub No US20030105821)

As per claims 4, 7, 10, 18, 21, 24, Tognazzini discloses all the limitations as above except the method further comprising prompting a user to select one of the plurality of destinations, if the destination data indicates a plurality of destinations, wherein the data is sent to the selected destination. However, Shah discloses for each designated recipient prompts the respective recipient for

messaging information, receives the information from the recipient, and makes this information available to the sender via the server. The sender can select the desired messaging device by pointing and clicking with a mouse. [0060-0061]

It would have been obvious to one having ordinary skills in the art at the time the invention was made to incorporate Shah's teaching into Shah's teaching into Tognazzini's system so as to provide for facilitating communication between a sending device and a receiving device. [0010]

As per claims 6, 20, 36, Shah discloses e-mailing the data if the destination is an e-mail address, and faxing the data if the destination is a fax number. [0060-0061], wherein email address inherently mail server, fax number inherently fax-server)

As per claims 8, 22 Shah discloses the destination may one or more of the following: a copy feature of the communication device, an e-mail address, and a fax number. [0060-0061], wherein email address inherently mail server, fax number inherently fax-server, copy feature inherently print)

As per claims 14, 28, Shah discloses the method further comprising if the data is not recognized, prompting the user to identify a data type. [0066-0067]

4. Claims 31-32 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tognazzini (US Patent 5,860,023) in view Saito et al. (US Patent 6,128,605)

Tognazzini discloses all the limitations as above except the method further comprising if the semi-structured data includes the unique ID, retrieving data associated with the unique ID, and permitting the user to reuse the data .

However, Saito discloses data is copied to the external recording medium for reusing by other users. (col.1,lines 3-17)

It would have been obvious to one having ordinary skills in the art at the time the invention was made to incorporate Saito' teaching into Tognazzini's system so that the system at the same time, can decrypt and re-encrypt the supplied encrypted data to perform copyright management and control so that no unauthorized use of the data is allowed. (col.9,lines 7-23)

Response to Amendment

5. Applicant's amendment filed on 11/12/04 have been fully considered but are moot in view of the new ground(s) of rejection.

Conclusion

6. *Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kim Huynh whose telephone number is (571)272-3635 or via e-mail addressed to [kim.huynh3@uspto.gov]. The examiner can normally be reached on M-F 9.00AM- 6:00PM. The fax phone numbers for the organization where this application or proceeding is assigned are (703)872-9306 for regular communications and After Final communications.*

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (571)272-2100.



**TIM VO
PRIMARY EXAMINER**

Kim Huynh

Jan. 14, 2005

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